



| | |
|------------------------|------------------|
| Attorney Docket Number | 3382-66933-01 |
| Application Number | 10/758,797 |
| Filing Date | January 15, 2004 |
| First Named Inventor | Nachmanson |
| Art Unit | 2128 |
| Examiner Name | David Silver |

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

| Examiner's Initials* | Cite No. (optional) | Number | Publication Date | Name of Applicant or Patentee |
|----------------------|---------------------|--------------|------------------|-------------------------------|
| DS | | 2005-0198621 | 09-2005 | Tillmann et al. |
| | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner's Initials* | Cite No. (optional) | Country | Number | Publication Date | Name of Applicant or Patentee |
|----------------------|---------------------|---------|--------|------------------|-------------------------------|
| | | | | | |
| | | | | | |

| Examiner's Initials* | Cite No. (optional) | OTHER DOCUMENTS |
|----------------------|---------------------|---|
| DS | | ALUR et al., "Distinguishing tests for nondeterministic and probabilistic machines," in <i>Proc. 27th Ann. ACM Symp Theory of Computing</i> , pages 363-372, 1995. |
| DS | | ARTHO et al., "Experiments with Test Case Generation and Runtime Analysis," in Börger, Gargantini, and Riccobene, editors, <i>Abstract State Machines 2003</i> , volume 2589 of LNCA, pages 87-107, Springer, 2003. |
| DS | | BARNETT et al., "Model-Based Testing with AsmL.NET," <i>Microsoft Research</i> , 8 pages. |
| DS | | BARNETT et al., "Towards a Tool Environment for Model-Based Testing with AsmL," in Petrenko and Ulrich, editors, <i>Formal Approaches to Software Testing</i> , FATES 2003, volume 2931 of LNCS, pages 252-266, Springer, 2004. |
| DS | | BARNETT et al., "Validating Use-Cases with the AsmL Test Tool," <i>Proceedings of the Third International Conference on Quality Software (QSIC '03)</i> , 9 pages, 2003. |
| DS | | BOX, "A Guide to Developing and Running Connected Systems with Indigo," <i>MSDN Magazine</i> , 8 pages, 2003. |
| DS | | BRINKSMA et al., "Testing Transition Systems: An Annotated Bibliography," in <i>Summer School MOVEP'2k - Modelling and Identification of Parallel Processes</i> , volume 2067 of LNCS, 10 pages, Springer, 2001. |

| | | | |
|---------------------|--------------|------------------|-----------|
| EXAMINER SIGNATURE: | David Silver | DATE CONSIDERED: | 6/14/2007 |
|---------------------|--------------|------------------|-----------|

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|--|------------------------|------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Attorney Docket Number | 3382-66933-01 |
| | Application Number | 10/758,797 |
| | Filing Date | January 15, 2004 |
| | First Named Inventor | Nachmanson |
| | Art Unit | 2128 |
| | Examiner Name | David Silver |

| Examiner's Initials* | Cite No. (optional) | OTHER DOCUMENTS |
|----------------------|---------------------|---|
| DS | | CAMPBELL et al., "Model-Based Testing of Object-Oriented Reactive Systems with Spec Explorer," <i>Technical Report MSR-TR-2005-59</i> . Microsoft Research, pages 1-34, May, 2005. |
| DS | | CONDON, "The Complexity of Stochastic Games," <i>Information and Computation</i> , 96(2), 17 pages, 1992. |
| DS | | FERNANDEZ et al., "An experiment in automatic generation of test suites for protocols with verification technology," <i>Science of Computer Programming - Special Issue on COST247, Verification and Validation Methods for Formal Descriptions</i> , 29(1-2): 123-146, 1997. |
| DS | | FILAR et al., "Competitive Markov Decision Processes," Springer Berlin, pages 1-6, 1996. |
| DS | | FUJIWARA et al., "Testing non-deterministic state machines with fault coverage," in Kroon, Heijink and Brinksma, editors, <i>Protocol Test Systems, IV</i> , pages 267-280, 1992. |
| DS | | GIBBONS, "Algorithmic Graph Theory," Cambridge University Press, 1985. |
| DS | | GREENLAW et al., "Limits to Parallel Computation: P-Completeness Theory," Oxford University Press, 1995. |
| DS | | GRIESKAMP et al., "Generating Finite State Machines from Abstract State Machines," in <i>ISSTA '02</i> , volume 27 of <i>Software Engineering Notes</i> , pages 112-122, ACM, 2002. |
| DS | | GRIESKAMP et al., "Testable Use Cases in the Abstract State Machine Language," <i>Microsoft Research</i> , pp. 167-172, 2001. |
| DS | | GUREVICH, "Evolving Algebras 1993: Lipari Guide," in Börger, editor, <i>Specification and Validation Methods</i> , Oxford University Press, pages 1-26, 1995. |
| DS | | HARTMAN et al., "Model Driven Testing - AGEDIS Architecture Interfaces and Tools," in <i>1st European Conference on Model Driven Software Engineering</i> , pages 1-11, 2003. |
| DS | | JONES et al., "Complete Problems for Deterministic Polynomial Time," <i>Theoretical Computer Science</i> , pages 40-46, 1976. |
| DS | | KULIAMIN et al., "UniTesK: Model Based Testing in Industrial Practice," in <i>1st European Conference on Model Driven Software Engineering</i> , 9 pages, 2003. |
| DS | | LEE et al., "Principles and Methods of Testing Finite State Machines - A Survey," in <i>Proceedings of the IEEE</i> , volume 84, pages 1090-1123, 1996. |
| DS | | MEHLHORN et al., "A Heuristic for Dijkstra's Algorithm with Many Targets and its Use in Weighted Matching Algorithms," in Meyer, editor, <i>Algorithms - ESA 2001: 9th Annual European Symposium</i> , volume 2161 of <i>LNCS</i> , 12 pages, Springer, 2001. |

| | |
|--|-----------------------------------|
| EXAMINER SIGNATURE: <i>David Silver</i> | DATE CONSIDERED: <i>6/14/2007</i> |
| * Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

| | | |
|--|------------------------|------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Attorney Docket Number | 3382-66933-01 |
| | Application Number | 10/758,797 |
| | Filing Date | January 15, 2004 |
| | First Named Inventor | Nachmanson |
| | Art Unit | 2128 |
| | Examiner Name | David Silver |

| Examiner's Initials* | Cite No. (optional) | OTHER DOCUMENTS |
|----------------------|---------------------|---|
| DS A | | MUCHNICK, "Advanced Compiler Design & Implementation," Morgan Kaufmann Publishers, San Francisco, CA, 1997. |
| DS | | NACHMANSON et al., "Optimal Strategies for Testing Nondeterministic Systems," in <i>ISSTA '04</i> , volume 29, <i>Software Engineering Notes</i> , 10 pages, ACM, 2004. |
| DS A | | PUTERMAN, "Markov Decision Processes: Discrete Stochastic Dynamic Programming," Wiley Series in Probability and Mathematical Statistics, John Wiley and Sons, Inc., 1994. |
| DS | | SIDHU et al., "Formal Methods for Protocol Testing: A Detailed Study," 15(4):413-426, 1989. |
| DS | | TRETMANS et al., "TorX: Automated Model Based Testing," in <i>1st European Conference on Model Driven Software Engineering</i> , 13 pages, 2003. |
| DS | | ZHANG et al., "Optimal Transfer Trees and Distinguishing Trees for Testing Observable Nondeterministic Finite-State Machines," <i>IEEE Transactions on Software Engineering</i> , 29(1):1-14, 2003. |

| | |
|--|-----------------------------------|
| EXAMINER SIGNATURE: <i>David Silver</i> | DATE CONSIDERED: <i>6/14/2007</i> |
| * Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant. | |